Project Planning Phase

(Product Backlog, Sprint Planning, Stories, Story Points)

Date	27 October 2023
Team ID	Team-592320
Project Name	Identifying Airline Passenger Satisfaction using Machine Learning
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule and Estimation (4 Marks)

Sprint	Functional Requirement (Epic)	User Story Number	User Story/Task	Story Points	Priority	Team Members
Sprint - 1	Registration	USN - 1	As a user, I can register for the application by entering my email, password and confirming my password	4	High	3
Sprint – 2		USN - 2	As a user, I will receive confirmation email once I have registered for the application	2	Medium	2
Sprint - 3		USN - 3	As a user, I can register for the application through Facebook	2	Low	1
Sprint - 3		USN - 4	As a user, I can register for the application through Gmail	2	Low	1
Sprint - 2		USN – 4	As a user, I will receive confirmation email once I have registered for the application	2	Medium	2
Sprint - 1	Login	USN - 5	As a user, I can log into the application by entering email & password	4	High	3
Sprint - 2	Submitting Feedback	USN - 6	As a user I can easily submit feedback on my flight experience, including ratings and comments, to help airlines improve their services	4	High	3
Sprint - 1	Dashboard	USN - 7	As a user , I can see the description of the website and informs all the services It offers	4	High	3
Sprint - 3	Dashboard (Looking for a proper flight)	USN - 8	As a user, I can look for a flight, based on factors like cabin class, seat comfort, and inflight entertainment.	2	Medium	2
Sprint - 1	Passenger Feedback Management	USN – 9	As a customer care executive, I can access a dashboard to manage passenger feedback and respond to complaints.	4	High	3
Sprint - 1	Real time data prediction	USN – 10	As an Analyst , I can access the real time data and predict the satisfaction of the passengers. And can also help the airline on what places they need to focus	4	High	3
Sprint - 1	System Administration	USN - 11	As an administrator, I can manage user roles and permissions, configure the machine learning model, and ensure data security and compliance.	4	High	3

Project Tracker, Velocity & Burndown chart(4 marks)

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date	Story Points Completed (as on Planned End Date)	Sprint Release Date(Actual)
Sprint - 1	24	9 days	25 October 2023	2 November 2023	24	2 November 2023
Sprint - 2	8	4 days	3 November 2023	6 November 2023	8	7 November 2023
Sprint - 3	6	3 days	7 November 2023	9 November 2023	6	9 November 2023

Velocity

$$AV = \frac{sprint\ duration}{velocity}$$

AV = (24 + 8 + 6) / (9 + 4 + 3) = (38 / 16) = <u>2.375</u>